Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1600cxc

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	Jun 03	New e-mail delivery for search results now available
NEWS 4	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 5	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS 6	Aug 26	Sequence searching in REGISTRY enhanced
NEWS 7	Sep 03	JAPIO has been reloaded and enhanced
NEWS 8	Sep 16	Experimental properties added to the REGISTRY file
NEWS 9	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS 10	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS 11	Oct 24	BEILSTEIN adds new search fields
NEWS 12	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 13	Nov 18	DKILIT has been renamed APOLLIT
NEWS 14	Nov 25	More calculated properties added to REGISTRY
NEWS 15	Dec 04	CSA files on STN
NEWS 16	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 17	Dec 17	TOXCENTER enhanced with additional content
NEWS 18	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS 19	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS 20	Feb 13	CANCERLIT is no longer being updated
NEWS 21	Feb 24	METADEX enhancements
NEWS 22	Feb 24	PCTGEN now available on STN
NEWS 23	Feb 24	TEMA now available on STN
NEWS 24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS 25	Feb 26	PCTFULL now contains images
NEWS 26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 27	Mar 20	EVENTLINE will be removed from STN
NEWS 28	Mar 24	PATDPAFULL now available on STN
NEWS 29	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS 30	Apr 11	Display formats in DGENE enhanced
NEWS 31	Apr 14	MEDLINE Reload
NEWS 32	Apr 17	Polymer searching in REGISTRY enhanced
NEWS 33	Jun 13	Indexing from 1947 to 1956 added to records in CA/CAPLUS
NEWS 34	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS 35	Apr 28	RDISCLOSURE now available on STN
NEWS 36	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS 37	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS 38	May 15	Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS 39	May 16	CHEMREACT will be removed from STN
NEWS 40	May 19	Simultaneous left and right truncation added to WSCA
NEWS 41	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation
NEWS 42	Jun 06	Simultaneous left and right truncation added to CBNB
NEWS 43	Jun 06	PASCAL enhanced with additional data

```
 NEWS EXPRESS  April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
               MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
               AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS INTER    General Internet Information
 NEWS LOGIN    Welcome Banner and News Items
 NEWS PHONE    Direct Dial and Telecommunication Network Access to STN
 NEWS WWW      CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

  All use of STN is subject to the provisions of the STN Customer
  agreement.  Please note that this agreement limits use to scientific
  research.  Use for software development or design or implementation
  of commercial gateways or other similar uses is prohibited and may
  result in loss of user privileges and other penalties.

  * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 11:59:11 ON 18 JUN 2003

=> file medline, agricola, caba, caplus, biosis, biotechno
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       0.21       0.21

FILE 'MEDLINE' ENTERED AT 11:59:24 ON 18 JUN 2003

FILE 'AGRICOLA' ENTERED AT 11:59:24 ON 18 JUN 2003

FILE 'CABA' ENTERED AT 11:59:24 ON 18 JUN 2003
COPYRIGHT (C) 2003 CAB INTERNATIONAL (CABI)

FILE 'CAPLUS' ENTERED AT 11:59:24 ON 18 JUN 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'BIOSIS' ENTERED AT 11:59:24 ON 18 JUN 2003
COPYRIGHT (C) 2003 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'BIOTECHNO' ENTERED AT 11:59:24 ON 18 JUN 2003
COPYRIGHT (C) 2003 Elsevier Science B.V., Amsterdam. All rights reserved.

=> s (coexpression OR co-expression) AND cyclin AND (cdk OR
cyclin-dependent(w)kinase)
L1          359 (COEXPRESSION OR CO-EXPRESSION) AND CYCLIN AND (CDK OR CYCLIN-DE
                PENDENT(W) KINASE)

=> s l1 and plant
L2           10 L1 AND PLANT

=> duplicate remove l2
DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO'
KEEP DUPLICATES FROM MORE THAN ONE FILE?  Y/(N):n
PROCESSING COMPLETED FOR L2
L3             5 DUPLICATE REMOVE L2 (5 DUPLICATES REMOVED)

=> d l3 1-5 ti

L3   ANSWER 1 OF 5  BIOSIS  COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI   Effects of co-expressing the plant CDK inhibitor ICK1
     and D-type cyclin genes on plant growth, cell size and
```

ploidy in Arabidopsis thaliana.

L3 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2003 ACS
TI Use of CKS1 protein and E2Fa-DPa transcription factor for regulation of proliferation, endoreduplication and differentiation in Arabidopsis thaliana

L3 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2003 ACS
TI Screening method for herbicides, fungicides or **plant** growth regulators using yeast transformed with Arabidopsis cell cycle control genes

L3 ANSWER 4 OF 5 MEDLINE DUPLICATE 1
TI Activation of **CDK**-activating kinase is dependent on interaction with H-type cyclins in plants.

L3 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2003 ACS
TI A new D-type **cyclin** of Arabidopsis thaliana expressed during lateral root primordia formation

=> d l3 1-5 bib

L3 ANSWER 1 OF 5 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2003:189617 BIOSIS
DN PREV200300189617
TI Effects of co-expressing the **plant CDK** inhibitor ICK1 and D-type **cyclin** genes on **plant** growth, cell size and ploidy in Arabidopsis thaliana.
AU Zhou, Yongming; Wang, Hong (1); Gilmer, Susan; Whitwill, Steve; Fowke, Larry C.
CS (1) Saskatoon Research Centre, 107 Science Place, Saskatoon, SK, S7N 0X2, Canada: hong.wang@usask.ca Canada
SO Planta (Berlin), (February 2003, 2003) Vol. 216, No. 4, pp. 604-613. print.
ISSN: 0032-0935.
DT Article
LA English

L3 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2003 ACS
AN 2002:736948 CAPLUS
DN 137:260188
TI Use of CKS1 protein and E2Fa-DPa transcription factor for regulation of proliferation, endoreduplication and differentiation in Arabidopsis thaliana
IN Inze, Dirk; Segers, Gerda; De Veylder, Lieven; Mironov, Vladimir
PA Belg.
SO U.S. Pat. Appl. Publ., 20 pp., Cont.-in-part of U.S. Ser. No. 381,150.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2002138868	A1	20020926	US 2001-938342	20010824
WO 9841642	A1	19980924	WO 1998-EP1522	19980313

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

US 6465718	B1	20021015	US 2000-381150	20000313

WO 2003018818 A2 20030306 WO 2002-EP9504 20020817
WO 2003018818 C1 20030522
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
PRAI EP 1997-200765 A 19970314
WO 1998-EP1522 W 19980313
US 2000-381150 A2 20000313
US 2001-938342 A 20010824

L3 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2003 ACS
AN 2001:208444 CAPLUS
DN 134:248327
TI Screening method for herbicides, fungicides or **plant** growth regulators using yeast transformed with Arabidopsis cell cycle control genes
IN Bounaga, Sakina; Inze, Dirk; De Veylder, Lieven; Mironov, Vladimir
PA Cropdesign N.V., Belg.
SO PCT Int. Appl., 35 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001020020	A2	20010322	WO 2000-EP8797	20000908
WO 2001020020	A3	20010927		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI EP 1999-870183 A 19990910
US 2000-196240P P 20000410

L3 ANSWER 4 OF 5 MEDLINE DUPLICATE 1
AN 2001076019 MEDLINE
DN 20485431 PubMed ID: 11029700
TI Activation of **CDK**-activating kinase is dependent on interaction with H-type cyclins in plants.
CM Erratum in: Plant J 2001 Feb;25(4):473
AU Yamaguchi M; Fabian T; Sauter M; Bhalerao R P; Schrader J; Sandberg G; Umeda M; Uchimiya H
CS Institute of Molecular and Cellular Biosciences, The University of Tokyo, Yayoi 1-1-1, Bunkyo-ku, Tokyo 113-0032, Japan.
SO PLANT JOURNAL, (2000 Oct) 24 (1) 11-20.
Journal code: 9207397. ISSN: 0960-7412.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200101
ED Entered STN: 20010322

Last Updated on STN: 20020420
Entered Medline: 20010111

L3 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2003 ACS
AN 1999:430841 CAPLUS
DN 131:225181
TI A new D-type **cyclin** of Arabidopsis thaliana expressed during lateral root primordia formation
AU De Veylder, Lieven; De Almeida Engler, Janice; Burssens, Sylvia; Manevski, Alexandra; Lescure, Bernard; Van Montagu, Marc; Engler, Gilbert; Inze, Dirk
CS Laboratorium Genetica, Department Plant Genetics, Flanders Interuniversity Institute Biotechnology, Univ. Gent, Ghent, B-9000, Belg.
SO Planta (1999), 208(4), 453-462
CODEN: PLANAB; ISSN: 0032-0935
PB Springer-Verlag
DT Journal
LA English
RE.CNT 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d l3 5 kwic

L3 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2003 ACS
TI A new D-type **cyclin** of Arabidopsis thaliana expressed during lateral root primordia formation
AB . . . to regulate the onset of cell division upon mitogenic signaling. Here, the authors report the isolation of a new D-type **cyclin** gene (CYCD4;I) of A. thaliana during a 2-hybrid screen using **cyclin-dependent kinase** CDC2aAt as bait. Transcription of CYCD4;I could be induced by sucrose. The co-regulated expression of CYCD4;I and CDC2aAt in starved. . .
ST Arabidopsis root **cyclin** D sequence expression cell cycle; cDNA sequence Arabidopsis **cyclin** D
IT Gene, **plant**
RL: BPR (Biological process); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study); PROC (Process)
(CDC2aAt; **coexpression** of genes CYCD4.1 and CDC2aAt during lateral root primordia formation in Arabidopsis thaliana)
IT Gene, **plant**
RL: BPR (Biological process); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study); PROC (Process)
(CYCD4.1; isolation of gene CYCD4.1 for **cyclin** D of Arabidopsis thaliana)
IT Gene, **plant**
RL: PRP (Properties)
(CYCD4.1; isolation of gene CYCD4.1 for **cyclin** D of Arabidopsis thaliana)
IT Cyclins
RL: BSU (Biological study, unclassified); PRP (Properties); PUR (Purification or recovery); BIOL (Biological study); PREP (Preparation)
(D; isolation and characterization of **cyclin** D of Arabidopsis thaliana expressed during lateral root primordia formation)
IT Cell cycle
Mitosis
(expression of **cyclin** D of Arabidopsis thaliana during lateral root primordia formation)
IT Arabidopsis thaliana
(isolation and characterization of **cyclin** D of Arabidopsis thaliana expressed during lateral root primordia formation)
IT Root
(lateral; isolation and characterization of **cyclin** D of Arabidopsis thaliana expressed during lateral root primordia formation)
IT Protein sequences

(of **cyclin** D of Arabidopsis thaliana)
IT cDNA sequences
(of gene CYCD4.1 for **cyclin** D of Arabidopsis thaliana)
IT 223777-19-3
RL: PRP (Properties)
(amino acid sequence; protein sequence of Arabidopsis thaliana **cyclin** D)
IT 225601-14-9, GenBank AJ131636
RL: PRP (Properties)
(nucleotide sequence; cDNA sequence of Arabidopsis thaliana gene CYCD4.1 **cyclin** D)

=> d his

(FILE 'HOME' ENTERED AT 11:59:11 ON 18 JUN 2003)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT 11:59:24 ON 18 JUN 2003
L1 359 S (COEXPRESSION OR CO-EXPRESSION) AND CYCLIN AND (CDK OR CYCLIN
L2 10 S L1 AND PLANT
L3 5 DUPLICATE REMOVE L2 (5 DUPLICATES REMOVED)

=> s l1 not l2
L4 349 L1 NOT L2

=> s l4 AND (transgenic OR transfection OR microinjection)
L5 51 L4 AND (TRANSGENIC OR TRANSFECTION OR MICROINJECTION)

=> duplicate remove l5
DUPLICATE PREFERENCE IS 'MEDLINE, CAPLUS, BIOSIS, BIOTECHNO'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L5
L6 36 DUPLICATE REMOVE L5 (15 DUPLICATES REMOVED)

=> d l6 1-10 ti

L6 ANSWER 1 OF 36 MEDLINE
TI B-Myb repressor function is regulated by **cyclin** A phosphorylation and sequences within the C-terminal domain.

L6 ANSWER 2 OF 36 CAPLUS COPYRIGHT 2003 ACS
TI Evidence for dysregulation of cell cycle by human polyomavirus, JCV, late auxiliary protein

L6 ANSWER 3 OF 36 BIOTECHNO COPYRIGHT 2003 Elsevier Science B.V.
TI Growth arrest by the LKB1 tumor suppressor: Induction of p21.sup.W.sup.A.sup.F.sup.1.sup./.sup.C.sup.I.sup.P.sup.1

L6 ANSWER 4 OF 36 BIOTECHNO COPYRIGHT 2003 Elsevier Science B.V.
TI Double jeopardy: Ras and CDK4 **co-expression** in skin cancer

L6 ANSWER 5 OF 36 CAPLUS COPYRIGHT 2003 ACS
TI Alterations in the INK4a/ARF locus and their effects on the growth of human osteosarcoma cell lines

L6 ANSWER 6 OF 36 CAPLUS COPYRIGHT 2003 ACS
TI Activation of Akt (protein kinase B) in mammary epithelium provides a critical cell survival signal required for tumor progression

L6 ANSWER 7 OF 36 MEDLINE
TI The Wilms tumor suppressor WT1 directs stage-specific quiescence and differentiation of human hematopoietic progenitor cells.

L6 ANSWER 8 OF 36 MEDLINE DUPLICATE 1
TI Mammary epithelial cell-cycle progression via the alpha(2)beta(1) integrin: unique and synergistic roles of the alpha(2) cytoplasmic domain.

L6 ANSWER 9 OF 36 CAPLUS COPYRIGHT 2003 ACS
TI Functional inactivation of p73, a homolog of p53 tumor suppressor protein, by human papillomavirus E6 proteins

L6 ANSWER 10 OF 36 MEDLINE DUPLICATE 2
TI Regulation of MyoD function in the dividing myoblast.

=> d l6 11-20 ti

L6 ANSWER 11 OF 36 CAPLUS COPYRIGHT 2003 ACS
TI Expression of tumor suppressor genes p16, p21 and p53 in a pair of lung adenocarcinoma cell lines with different metastasis potentials: Anip973 and AGZY83-a

L6 ANSWER 12 OF 36 MEDLINE
TI **Coexpression** of human cdk5 and its activator p35 with human protein tau in neurons in brain of triple **transgenic** mice.

L6 ANSWER 13 OF 36 BIOTECHNO COPYRIGHT 2003 Elsevier Science B.V.
TI Caspase 3-mediated cleavage of p21(WAF1/CIP1) associated with the **cyclin** A-**cyclin-dependent kinase** 2 complex is a prerequisite for apoptosis in SK-HEP-1 cells

L6 ANSWER 14 OF 36 MEDLINE DUPLICATE 3
TI Regulation of BRCA1 expression by the Rb-E2F pathway.

L6 ANSWER 15 OF 36 CAPLUS COPYRIGHT 2003 ACS
TI Conserved region 2 of adenovirus E1A has a function distinct from pRb binding required to prevent cell cycle arrest by p16INK4a or p27Kip1

L6 ANSWER 16 OF 36 MEDLINE
TI Characterization of hPRP4 kinase activation: potential role in signaling.

L6 ANSWER 17 OF 36 MEDLINE
TI STAT3beta does not interfere with granulocyte colony-stimulating factor-induced neutrophilic differentiation.

L6 ANSWER 18 OF 36 CAPLUS COPYRIGHT 2003 ACS
TI Growth factors and cell cycle regulation in hepatocarcinogenesis

L6 ANSWER 19 OF 36 MEDLINE DUPLICATE 4
TI Expression of the casein kinase 2 subunits in Chinese hamster ovary and 3T3 L1 cells provides information on the role of the enzyme in cell proliferation and the cell cycle.

L6 ANSWER 20 OF 36 MEDLINE
TI The neuronal architecture of Xenopus retinal ganglion cells is sculpted by rho-family GTPases in vivo.

=> d l6 12 bib

L6 ANSWER 12 OF 36 MEDLINE
AN 2001286062 MEDLINE
DN 21110560 PubMed ID: 11162238
TI **Coexpression** of human cdk5 and its activator p35 with human protein tau in neurons in brain of triple **transgenic** mice.
AU Van den Haute C; Spittaels K; Van Dorpe J; Lasrado R; Vandezande K; Laenen I; Geerts H; Van Leuven F
CS Experimental Genetics Group, Center for Human Genetics, Flemish Institute

for Biotechnology (VIB), Gasthuisberg O&N 06, Leuven, B-3000, Belgium.
SO NEUROBIOLOGY OF DISEASE, (2001 Feb) 8 (1) 32-44.
Journal code: 9500169. ISSN: 0969-9961.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200105
ED Entered STN: 20010529
Last Updated on STN: 20010529
Entered Medline: 20010524

=> d l6 21-30 ti

L6 ANSWER 21 OF 36 BIOTECHNO COPYRIGHT 2003 Elsevier Science B.V.
TI PTEN tumour suppressor is linked to the cell cycle control through the retinoblastoma protein

L6 ANSWER 22 OF 36 CAPLUS COPYRIGHT 2003 ACS
TI Acceleration of c-myc-induced hepatocarcinogenesis by **co-expression** of transforming growth factor (TGF)-α in **transgenic** mice is associated with TGF-β1 signaling disruption

L6 ANSWER 23 OF 36 BIOTECHNO COPYRIGHT 2003 Elsevier Science B.V.
TI The CDK9-associated cyclins T1 and T2 exert opposite effects on HIV-1 Tat activity

L6 ANSWER 24 OF 36 MEDLINE DUPLICATE 5
TI Combination gene delivery of the cell cycle inhibitor p27 with thymidine kinase enhances prodrug cytotoxicity.

L6 ANSWER 25 OF 36 MEDLINE
TI Functional cooperation of **cyclin** C and c-Myc in mediating homotypic cell adhesion via very late antigen-4 activation and vascular cell adhesion molecule-1 induction.

L6 ANSWER 26 OF 36 BIOTECHNO COPYRIGHT 2003 Elsevier Science B.V.
TI Induction of apoptosis by deregulated expression of DNA topoisomerase IIα

L6 ANSWER 27 OF 36 MEDLINE
TI The p16(INK4A) protein and flavopiridol restore yeast cell growth inhibited by Cdk4.

L6 ANSWER 28 OF 36 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Controlled proliferation by multigene metabolic engineering enhances the productivity of Chinese hamster ovary cells.

L6 ANSWER 29 OF 36 BIOTECHNO COPYRIGHT 2003 Elsevier Science B.V.
TI Evidence for a mammalian Nim1-like kinase pathway acting at the G0-1/S transition

L6 ANSWER 30 OF 36 MEDLINE
TI Abrogation of p27Kip1 by cDNA antisense suppresses quiescence (G0 state) in fibroblasts.

=> dl6 28 bib
DL6 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> d l6 28 bib

L6 ANSWER 28 OF 36 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 1998:346635 BIOSIS
DN PREV199800346635
TI Controlled proliferation by multigene metabolic engineering enhances the productivity of Chinese hamster ovary cells.
AU Fussenegger, Martin; Schlatter, Stefan; Datwyler, Daniel; Mazur, Xenia; Bailey, James E. (1)
CS (1) Inst. Biotechnol., Swiss Federal Inst. Technol., ETH Zurich, CH-8093 Zurich Switzerland
SO Nature Biotechnology, (May, 1998) Vol. 16, No. 5, pp. 468-472. ISSN: 1087-0156.
DT Article
LA English

=> d l6 31-36 ti

L6 ANSWER 31 OF 36 MEDLINE DUPLICATE 6
TI The cdk5/p35 kinase is essential for neurite outgrowth during neuronal differentiation.

L6 ANSWER 32 OF 36 MEDLINE
TI Regulation of E2F-1 gene expression by p130 (Rb2) and D-type **cyclin** kinase activity.

L6 ANSWER 33 OF 36 MEDLINE
TI Inhibition of ras-induced proliferation and cellular transformation by p16INK4.

L6 ANSWER 34 OF 36 MEDLINE
TI Autoregulatory control of E2F1 expression in response to positive and negative regulators of cell cycle progression.

L6 ANSWER 35 OF 36 MEDLINE
TI Functional interactions of the retinoblastoma protein with mammalian D-type cyclins.

L6 ANSWER 36 OF 36 MEDLINE
TI Direct binding of **cyclin** D to the retinoblastoma gene product (pRb) and pRb phosphorylation by the **cyclin** D-dependent kinase CDK4.

=> d l6 31 bib

L6 ANSWER 31 OF 36 MEDLINE DUPLICATE 6
AN 96194263 MEDLINE
DN 96194263 PubMed ID: 8846918
TI The cdk5/p35 kinase is essential for neurite outgrowth during neuronal differentiation.
AU Nikolic M; Dudek H; Kwon Y T; Ramos Y F; Tsai L H
CS Department of Pathology, Harvard Medical School, Boston, Massachusetts 02115, USA.
SO GENES AND DEVELOPMENT, (1996 Apr 1) 10 (7) 816-25. Journal code: 8711660. ISSN: 0890-9369.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199610
ED Entered STN: 19961106
Last Updated on STN: 19990129
Entered Medline: 19961023

=> d l6 31 kwic

L6 ANSWER 31 OF 36 MEDLINE DUPLICATE 6
AB **Cyclin-dependent kinase** 5(cdk5) is highly homologous to other members of the **cdk** family that are known to function in proliferating cells. Despite the structural similarity, cdk5-associated histone H1 kinase activity is only. . . kinases in cortical cultures. Expression of dominant-negative mutants of cdk5 (cdk5N144 and cdk5T33) inhibited neurite outgrowth, which was rescued by **coexpression** of the wild-type proteins. A similar extent of neurite outgrowth inhibition was obtained by **transfection** of an antisense p35 construct, which in turn was only rescued by p35 but not cdk5 **coexpression.** In contrast, longer neurites were elaborated in neurons that coexpressed exogenous cdk5 and p35. These observations suggest that the cdk5/p35. . .
CT . . .
*Protein-Serine-Threonine Kinases: ME, metabolism
Rats
Rats, Inbred Strains
Recombinant Fusion Proteins: IP, isolation & purification
Recombinant Fusion Proteins: ME, metabolism
Transfection
CN 0 (Nerve Tissue Proteins); 0 (Recombinant Fusion Proteins); 0 (neuronal Cdk5 activator (p25-p35)); EC 2.7.1.37 (Protein-Serine-Threonine Kinases); EC 2.7.10.- (**cyclin-dependent kinase** 5)

=> d his

(FILE 'HOME' ENTERED AT 11:59:11 ON 18 JUN 2003)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT 11:59:24 ON 18 JUN 2003
L1 359 S (COEXPRESSION OR CO-EXPRESSION) AND CYCLIN AND (CDK OR CYCLIN
L2 10 S L1 AND PLANT
L3 5 DUPLICATE REMOVE L2 (5 DUPLICATES REMOVED)
L4 349 S L1 NOT L2
L5 51 S L4 AND (TRANSGENIC OR TRANSFECTION OR MICROINJECTION)
L6 36 DUPLICATE REMOVE L5 (15 DUPLICATES REMOVED)

=> logoff
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	49.04	49.25

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.65	-0.65

STN INTERNATIONAL LOGOFF AT 12:15:43 ON 18 JUN 2003

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1600cxc